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**1 [Book Review: Unix Programming Tools](#)**

Andrew L. Johnson

 October 1997 **Linux Journal** Volume 1997 Issue 42es

**Publisher:** Specialized Systems Consultants, Inc.

 Full text available: [HTML](#) (8.62 KB)

 Additional Information: [full citation](#), [references](#), [index terms](#)
**Bibliometrics:** Downloads (6 Weeks): 0, Downloads (12 Months): 5, Citation Count: 0

**2 [On high-level programming systems for structured display programming](#)**

Wolfgang K. Giloi

 April 1975 **SIGGRAPH '75: Proceedings of the 2nd annual conference on Computer graphics and interactive techniques**
**Publisher:** ACM

 Full text available: [PDF](#) (117.76 KB)

 Additional Information: [full citation](#), [abstract](#), [references](#), [cited](#)
**Bibliometrics:** Downloads (6 Weeks): 3, Downloads (12 Months): 14, Citation Count: 3

The main topic of the paper is to introduce a concept for structured display program computer graphics and to discuss the suitability of FORTRAN, ALGOL, PL/I, and APL a language for such a programming system. To this end, ...

Also published in:

 April 1975 **SIGGRAPH Computer Graphics** Volume 9 Issue 1

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**3 [Bimodal multicast](#)**

 Kenneth P. Birman, Mark Hayden, Ozgur Ozkasap, Zhen Xiao, Mihai Budiu, Yaron Minsky  
 May 1999 **Transactions on Computer Systems (TOCS)** Volume 17 Issue 2

**Publisher:** ACM

 Full text available: [PDF](#) (302.06 KB)

 Additional Information: [full citation](#), [abstract](#), [references](#), [cited](#)
**Bibliometrics:** Downloads (6 Weeks): 54, Downloads (12 Months): 170, Citation Count: 88

There are many methods for making a multicast protocol "reliable." At one end of the reliable multicast protocol might offer toticity guarantees, such as all-or-nothing delivery, and perhaps additional properties ...

**4 [Analysing software requirements specifications for performance](#)**

Dorin Petriu, Murray Woodside

 July 2002 **WOSP '02: Proceedings of the 3rd international workshop on Software and**
**Publisher:** ACM

 Full text available: [PDF](#) (213.05 KB)

 Additional Information: [full citation](#), [abstract](#), [references](#), [cited](#)
**Bibliometrics:** Downloads (6 Weeks): 17, Downloads (12 Months): 151, Citation Count: 9

The earliest moment when performance issues can be addressed is the initial specific software system, during the formulation of the architecture, and well before the design common form of specification at this stage is a set of scenarios ...


**Keywords:** completion, nonfunctional requirements, performance, specifications, us

## 5 [Dynamically reparameterized light fields](#)

Aaron Isaksen, Leonard McMillan, Steven J. Seitz

July 2000 **SIGGRAPH '00**: Proceedings of the 27th annual conference on Computer graphics and interactive techniques

**Publisher:** ACM Press/Addison-Wesley Publishing Co.

Full text available:  [Pdf](#) (2.82 MB)


**Additional Information:** [full citation](#), [abstract](#), [references](#), [cited by](#)

**Bibliometrics:** Downloads (6 Weeks): 11, Downloads (12 Months): 107, Citation Count: 43

This research further develops the light field and lumigraph image-based rendering method and extends their utility. We present alternate parameterizations that permit 1) interactive rendering of moderately sampled light fields of scenes with significant, ...



**Keywords:** autostereoscopic displays, depth of field, frequency domain analysis, image rendering, light field, lumigraph, multitexturing, ray space analysis, synthetic aperture

## 6 [Polygon-assisted JPEG and MPEG compression of synthetic images](#)

 Marc Levoy

September 1995 **SIGGRAPH '95**: Proceedings of the 22nd annual conference on Computer graphics and interactive techniques

**Publisher:** ACM


Full text available:  [Pdf](#) (2.14 MB),  [Ps](#) (77.36 KB)

**Additional Information:** [full citation](#), [references](#), [cited by](#)

**Bibliometrics:** Downloads (6 Weeks): 9, Downloads (12 Months): 53, Citation Count: 16



**Keywords:** JPEG, MPEG, client-server graphics, polygon-assisted compression

## 7 [UML 2001: a standardization odyssey](#)

 Chris Kobryn

October 1999 **Communications of the ACM**, Volume 42 Issue 10


**Publisher:** ACM

Full text available:  [Html](#) (42.08 KB),  [Pdf](#) (126.96 KB)

**Additional Information:** [full citation](#), [references](#), [cited by](#)


**Bibliometrics:** Downloads (6 Weeks): 17, Downloads (12 Months): 152, Citation Count: 23

## 8 [Virtual objects in the real world](#)

 Daniel G. Aliaga

March 1997 **Communications of the ACM**, Volume 40 Issue 3


**Publisher:** ACM

Full text available:  [Pdf](#) (762.36 KB)

**Additional Information:** [full citation](#), [references](#), [cited by](#), [index](#)

**Bibliometrics:** Downloads (6 Weeks): 12, Downloads (12 Months): 81, Citation Count: 3

## 9 [Should your specification language be typed](#)

 Leslie Lamport, Lawrence C. Paulson

May 1999 **Transactions on Programming Languages and Systems (TOPLAS)**, Volume 20 Issue 2

**Publisher:** ACM

Full text available:  [Pdf](#) (275.00 KB)

**Additional Information:** [full citation](#), [abstract](#), [references](#), [cited by](#)

**Bibliometrics:** Downloads (6 Weeks): 7, Downloads (12 Months): 42, Citation Count: 5

Most specification languages have a type system. Type systems are hard to get right and can lead to inconsistencies. Set theory can serve as the basis for a specification without types. This possibility, which has been widely ...

**Keywords:** set theory, specification, types

- 10 [WSQ/DSQ: a practical approach for combined querying of databases and the Web](#)  
 Roy Goldman, Jennifer Widom  
 June 2000 **SIGMOD '00**: Proceedings of the 2000 ACM SIGMOD international conference of data

**Publisher:** ACM

Full text available:  Pdf (223.65 KB)

**Additional Information:** full citation, abstract, references, cited

**Bibliometrics:** Downloads (6 Weeks): 15, Downloads (12 Months): 70, Citation Count: 19


We present WSQ/DSQ (pronounced "wisk-disk"), a new approach for combining the traditional databases with existing search engines on the Web. WSQ, for *Web-Suppo*, *Queries*, leverages results from Web ...

Also published in:

June 2000 **SIGMOD Record** Volume 29 Issue 2

- 11 [Efficient, DoS-resistant, secure key exchange for internet protocols](#)  
 William Aiello, Steven M. Bellovin, Matt Blaze, John Ioannidis, Omer Reingold, Ran Canetti  
 November 2002 **CCS '02**: Proceedings of the 9th ACM conference on Computer and communications security

**Publisher:** ACM

Full text available:  Pdf (118.52 KB)

**Additional Information:** full citation, abstract, references, cited

**Bibliometrics:** Downloads (6 Weeks): 6, Downloads (12 Months): 94, Citation Count: 16


We describe JFK, a new key exchange protocol, primarily designed for use in the IPsec Architecture. It is simple, efficient, and secure; we sketch a proof of the latter proper number of novel engineering parameters that permit ...

**Keywords:** cryptography, denial of service attacks

- 12 [Linux Means Business: MkLinux: Linux Comes to the Power Macintosh](#)  
 Linux Journal Staff

November 1996 **Linux Journal**, Volume 1996 Issue 31es

**Publisher:** Specialized Systems Consultants, Inc.

Full text available:  Html (13.63 KB)

**Additional Information:** full citation, cited by, index terms

**Bibliometrics:** Downloads (6 Weeks): 0, Downloads (12 Months): 3, Citation Count: 1

- 13 [Accessible animation and customizable graphics via simplicial configuration model](#)  
 Tom Ngo, Doug Cutrell, Jenny Dana, Bruce Donald, Lorie Loeb, Shunhui Zhu  
 July 2000 **SIGGRAPH '00**: Proceedings of the 27th annual conference on Computer graphics and interactive techniques

**Publisher:** ACM Press/Addison-Wesley Publishing Co.

Full text available:  Pdf (283.87 KB)

**Additional Information:** full citation, abstract, references, cited

**Bibliometrics:** Downloads (6 Weeks): 4, Downloads (12 Months): 41, Citation Count: 14

Our goal is to embed free-form constraints into a graphical model. With such constraints we can maintain its visual integrity—and break rules tastefully—while being manipulated casually. A typical parameterized graphic ...

**Keywords:** WWW applications, animation with constraints, geometric modeling, web

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